

APPLICATION FOR FINANCIAL ASSISTANCE  
Revised 4/99

IMPORTANT: Please consult the "Instructions for Completing the Project Application" for assistance in completion of this form.

SUBDIVISION: City of Cincinnati CODE# 061-15000

DISTRICT NUMBER: 2 COUNTY: Hamilton DATE 9/7/06

CONTACT: Becky Calder, P.E. PHONE # (513) 591-7857

(THE PROJECT CONTACT PERSON SHOULD BE THE INDIVIDUAL WHO WILL BE AVAILABLE ON A DAY-TO-DAY BASIS DURING THE APPLICATION REVIEW AND SELECTION PROCESS AND WHO CAN BEST ANSWER OR COORDINATE THE RESPONSE TO QUESTIONS)

FAX (513) 591-7878 E-MAIL becky.calder@gcww.cincinnati-oh.gov

PROJECT NAME: Countywide Water Main Improvements - Ph V

OFFICE OF NEW BURLINGTON  
COUNTY ENGINEER  
2006 SEP - 8 AM 11:27

<b>SUBDIVISION TYPE</b> (Check Only 1) <input type="checkbox"/> 1. County <input checked="" type="checkbox"/> 2. City <input type="checkbox"/> 3. Township <input type="checkbox"/> 4. Village <input type="checkbox"/> 5. Water/Sanitary District (Section 6119 O.R.C.)	<b>FUNDING TYPE REQUESTED</b> (Check All Requested & Enter Amount) <input type="checkbox"/> 1. Grant \$ _____ <input type="checkbox"/> 2. Loan \$ _____ <input checked="" type="checkbox"/> 3. Loan Assistance \$ <u>900,000</u>	<b>PROJECT TYPE</b> (Check Largest Component) <input type="checkbox"/> 1. Road <input type="checkbox"/> 2. Bridge/Culvert <input checked="" type="checkbox"/> 3. Water Supply <input type="checkbox"/> 4. Wastewater <input type="checkbox"/> 5. Solid Waste <input type="checkbox"/> 6. Stormwater
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TOTAL PROJECT COST: \$ 16,330,000 FUNDING REQUESTED: \$ 900,000

DISTRICT RECOMMENDATION  
To be completed by the District Committee ONLY

GRANT: \$ \_\_\_\_\_ LOAN ASSISTANCE: \$ 900,000.00  
SCIP LOAN: \$ \_\_\_\_\_ RATE: \_\_\_\_\_ % TERM: \_\_\_\_\_ yrs.  
RLP LOAN: \$ \_\_\_\_\_ RATE: \_\_\_\_\_ % TERM: \_\_\_\_\_ yrs.

(Check Only 1)  
☒ State Capital Improvement Program ☐ Small Government Program  
☐ Local Transportation Improvements Program

FOR OPWC USE ONLY

PROJECT NUMBER: C _____ /C _____	APPROVED FUNDING: \$ _____
Local Participation _____ %	Loan Interest Rate: _____ %
OPWC Participation _____ %	Loan Term: _____ years
Project Release Date: ____ / ____ / ____	Maturity Date: _____
OPWC Approval: _____	Date Approved: ____ / ____ / ____
	SCIP Loan _____ RLP Loan _____

**1.0 PROJECT FINANCIAL INFORMATION**

**1.1 PROJECT ESTIMATED COSTS:**  
(Round to Nearest Dollar)

**TOTAL DOLLARS**

**FORCE ACCOUNT  
DOLLARS**

**a.) Basic Engineering Services:**

**\$ \_\_\_\_\_ .00**

Preliminary Design	\$ _____ .00
Final Design	\$ _____ .00
Bidding	\$ _____ .00
Construction Phase	\$ _____ .00

**Additional Engineering Services**  
**\*Identify services and costs below.**

**\$ \_\_\_\_\_ .00**

**b.) Acquisition Expenses:**

**Land and/or Right-of-Way**

**\$ \_\_\_\_\_ .00**

**c.) Construction Costs:**

**\$ \_\_\_\_\_ .00**

**d.) Equipment Purchased Directly:**

**\$ \_\_\_\_\_ .00**

**e.) Permits, Advertising, Legal:**  
**(Or Interest Costs for Loan Assistance**  
**Applications Only)**

**\$ 900,000.00**

**f.) Construction Contingencies:**

**\$ \_\_\_\_\_ .00**

**g.) TOTAL ESTIMATED COSTS:**

**\$ 900,000.00**

**\*List Additional Engineering Services here:**  
**Service:**

**Cost:**

**1.2 PROJECT FINANCIAL RESOURCES:**  
(Round to Nearest Dollar and Percent)

	DOLLARS	%
a.) Local In-Kind Contributions	\$ <u>          .00</u>	
b.) Local Revenues	\$ <u>15,430,000.00</u>	
c.) Other Public Revenues	\$ <u>          .00</u>	
ODOT	\$ <u>          .00</u>	
Rural Development	\$ <u>          .00</u>	
OEPA	\$ <u>          .00</u>	
OWDA	\$ <u>          .00</u>	
CDBG	\$ <u>          .00</u>	
OTHER _____	\$ <u>          .00</u>	
SUBTOTAL LOCAL RESOURCES:	\$ <u>15,430,000.00</u>	
d.) OPWC Funds		
1. Grant	\$ <u>          .00</u>	
2. Loan	\$ <u>          .00</u>	
3. Loan Assistance	\$ <u>900,000.00</u>	
SUBTOTAL OPWC RESOURCES:	\$ <u>900,000.00</u>	
e.) TOTAL FINANCIAL RESOURCES:	\$ <u>16,330,000.00</u>	<u>100%</u>

**1.3 AVAILABILITY OF LOCAL FUNDS:**

Attach a statement signed by the Chief Financial Officer listed in section 5.2 certifying all local share funds required for the project will be available on or before the earliest date listed in the Project Schedule section.

ODOT PID# \_\_\_\_\_ Sale Date:  
STATUS: (Check one)  
    Traditional  
    Local Planning Agency (LPA)  
    State Infrastructure Bank

## 2.0 PROJECT INFORMATION

If project is multi-jurisdictional, information must be consolidated in this section.

2.1 PROJECT NAME: Countywide Water Main Improvements – Ph V

### 2.2 BRIEF PROJECT DESCRIPTION - (Sections A through C):

#### A: SPECIFIC LOCATION:

This project requests reimbursement for interest on bonds sold to finance Greater Cincinnati Water Works (GCWW) water main replacement projects. This project involves repayment of the prorated interest for the replacement of approximately 20 water projects (53 water mains) located throughout Hamilton County from the GCWW capital program. These projects were initially funded with cash until revenue bonds could be sold. The water main replacements are located at various locations throughout Hamilton County. See attached map for location of majority of water main locations that make up the project (not all shown for clarity).

PROJECT ZIP CODE: varies

#### B: PROJECT COMPONENTS:

This project includes the replacement of various water mains. The project also includes the installation of water mains, valves and water branches, fire hydrants, chambers in the right of way, disinfection, pressure testing and performing all other related work.

#### C: PHYSICAL DIMENSIONS / CHARACTERISTICS:

This project involves installing various length water mains ranging in size from 8" to 36" diameter pipes.

#### D: DESIGN SERVICE CAPACITY:

Detail current service capacity vs. proposed service level.

This project is designed to meet future demand.

Road or Bridge: Current ADT \_\_\_\_\_ Year: \_\_\_\_\_ Projected ADT: \_\_\_\_\_ Year:

Water/Wastewater: Based on monthly usage of 7,756 gallons per household, attach current rate ordinance. Current Residential Rate: \$ \_\_\_\_\_ Proposed Rate: \$ \_\_\_\_\_

See attached rate schedule.

Stormwater: Number of households served:

2.3 USEFUL LIFE / COST ESTIMATE: Project Useful Life: 75 Years.

Attach Registered Professional Engineer's statement, with original seal and signature confirming the project's useful life indicated above and estimated cost.

### 3.0 REPAIR/REPLACEMENT or NEW/EXPANSION:

TOTAL PORTION OF PROJECT REPAIR/REPLACEMENT \$ 16,330,000.00

TOTAL PORTION OF PROJECT NEW/EXPANSION \$ .00

### 4.0 PROJECT SCHEDULE: \*

	BEGIN DATE	END DATE
4.1 Engineering/Design:	<u>completed</u>	<u>completed</u>
4.2 Bid Advertisement and Award:	<u>completed</u>	<u>completed</u>
4.3 Construction:	<u>1 /1 /06</u>	<u>12 /31 /07</u>
4.4 Right-of-Way/Land Acquisition:	<u>NA</u>	<u>NA</u>

\* Failure to meet project schedule may result in termination of agreement for approved projects. Modification of dates must be requested in writing by the CEO of record and approved by the commission once the Project Agreement has been executed. The project schedule should be planned around receiving a Project Agreement on or about July 1st.

### 5.0 APPLICANT INFORMATION:

#### 5.1 CHIEF EXECUTIVE

OFFICER Scott Stiles  
TITLE Assistant City Manager  
STREET Room 158, City Hall  
801 Plum Street  
CITY/ZIP Cincinnati, OH 45202  
PHONE (513) 352 - 3475  
FAX (513) 352 - 2458  
E-MAIL Scott.Stiles@cincinnati-oh.gov

#### 5.2 CHIEF FINANCIAL

OFFICER Joseph Gray  
TITLE Finance Director  
STREET Room 152, City Hall  
801 Plum Street  
CITY/ZIP Cincinnati, OH 45202  
PHONE (513) 352-3731  
FAX (513) 352-2370  
E-MAIL Joseph.Gray@cincinnati-oh.gov

#### 5.3 PROJECT MANAGER

TITLE Steve Hellman  
STREET Superintendent of Business Services  
4747 Spring Grove Avenue  
CITY/ZIP Cincinnati, OH 45232  
PHONE (513) 591-7965  
FAX (513) 591-7867  
E-MAIL Steve.Hellman@gcww.cincinnati-oh.gov

**Changes in Project Officials must be submitted in writing from the CEO.**

## 6.0 ATTACHMENTS/COMPLETENESS REVIEW:

Confirm in the blocks [ ] below that each item listed is attached.

- [ ] A certified copy of the legislation by the governing body of the applicant authorizing a designated official to sign and submit this application and execute contracts. This individual should sign under 7.0, Applicant Certification, below.
- [X] A certification signed by the applicant's chief financial officer stating all local share funds required for the project will be available on or before the dates listed in the Project Schedule section. If the application involves a request for loan (RLP or SCIP), a certification signed by the CFO which identifies a specific revenue source for repaying the loan also must be attached. Both certifications can be accomplished in the same letter.
- [X] A registered professional engineer's detailed cost estimate and useful life statement, as required in 164-1-13, 164-1-14, and 164-1-16 of the Ohio Administrative Code. Estimates shall contain an engineer's original seal or stamp and signature.
- [ ] A cooperation agreement (if the project involves more than one subdivision or district) which identifies the fiscal and administrative responsibilities of each participant.
- [ ] Projects which include new and expansion components and potentially affect productive farmland should include a statement evaluating the potential impact. If there is a potential impact, the Governor's Executive Order 98-VII and the OPWC Farmland Preservation Review Advisory apply.
- [ ] Capital Improvements Report: (Required by O.R.C. Chapter 164.06 on standard form)
- [X] Supporting Documentation: Materials such as additional project description, photographs, economic impact (temporary and/or full time jobs likely to be created as a result of the project), accident reports, impact on school zones, and other information to assist your district committee in ranking your project. Be sure to include supplements which may be required by your *local* District Public Works Integrating Committee.

## 7.0 APPLICANT CERTIFICATION:

The undersigned certifies that: (1) he/she is legally authorized to request and accept financial assistance from the Ohio Public Works Commission; (2) to the best of his/her knowledge and belief, all representations that are part of this application are true and correct; (3) all official documents and commitments of the applicant that are part of this application have been duly authorized by the governing body of the applicant; and, (4) should the requested financial assistance be provided, that in the execution of this project, the applicant will comply with all assurances required by Ohio Law, including those involving Buy Ohio and prevailing wages.

Applicant certifies that physical construction on the project as defined in the application has NOT begun, and will not begin until a Project Agreement on this project has been executed with the Ohio Public Works Commission. Action to the contrary will result in termination of the agreement and withdrawal of Ohio Public Works Commission funding of the project.

Scott C. Stiles/Assistant City Manager

Certifying Representative (Type or Print Name and Title)

9/8/06  
Signature/Date Signed

# City of Cincinnati



Department of Water Works

4747 Spring Grove Avenue  
Cincinnati, Ohio 45232

David E. Rager  
*Director of Water Works*

Joseph R. Zistler  
*Water Works Chief Engineer*

September 3, 2006

Subject: Countywide Water Main Improvements – Ph V  
Certification of Useful Life

As required by Chapter 164-1-13 of the Ohio Administrative Code, I hereby certify that the design useful life of the subject water main project is at least seventy-five (75) years.



(Seal)

A handwritten signature in cursive script, reading "Brian Pickering".

Brian Pickering, P.E.  
Principal Engineer  
City of Cincinnati

Construction Cost	YEAR BUILT	EX. SIZE	PROP. SIZE	REASON FOR PROJECT	Users	Comments
340,000	1946	8	12	maintenance	1000	
480,000					500	
	1956	6	8	maintenance		
	1948	6	8	maintenance		
	1951	6	8	maintenance		
750,000					1500	
	1952	6	8	maintenance		
	1947	6	8	maintenance		
	1947	6	8	maintenance		
395,000					500	
	1949	6	8	maintenance		
	1949	6	8	maintenance		
	1910	6	8	maintenance	250	
	1933	6	6	maintenance		
350,000					250	
	1957	8	8	maintenance		
	1954	8	8	maintenance		
225,000					500	
	1952	8	8	maintenance		
	1955	8	8	maintenance		
	1958	6	8	maintenance		
	1959	6	8	maintenance		
					48,600	TOTAL USERS PHASE V
00,000					25000	TOTAL USERS GEST/STATE
	1939	36		maintenance		APPLIED FOR LOAN
	1939	30		maintenance		APPLIED FOR LOAN
103215						
	1947	Average install year			59 yrs	average age

80,000

1893000

989.90

32,485



pipes

good records. Many areas were annexed around 1925



*In the opinion of Peck, Shaffer & Williams LLP and Forbes, Fields & Associates Co., L.P.A., Co-Bond Counsel, under existing law, (i) interest on the Series 2005A Bonds will be excludible from gross income of the holders thereof for purposes of federal income taxation, (ii) interest on the Series 2005A Bonds will not be a specific item of tax preference for purposes of the federal alternative minimum tax imposed on individuals and corporations, and (iii) the Series 2005A Bonds, the transfer thereof, and the income therefrom, including any profit made on the sale thereof, will be exempt from taxation within the State of Ohio, all subject to the qualifications described herein under the heading Tax Matters.*

**OFFICIAL STATEMENT**  
**Relating to the Original Issuance of**  
**\$80,585,000**  
**CITY OF CINCINNATI, OHIO**  
**WATER SYSTEM REVENUE BONDS, SERIES 2005A**

Dated: Date of Delivery

Due: December 1, as shown below

The captioned bonds (the Series 2005A Bonds) will be issued only as fully registered bonds and initially will be registered solely in the name of Cede & Co., as nominee for The Depository Trust Company, New York, New York (DTC). Purchases of book entry interests in the Series 2005A Bonds (without any right to receive certificates) will be made in denominations of \$5,000 and any integral multiples thereof. See **TRUST AGREEMENT – Book Entry Method**. Interest on the Series 2005A Bonds is payable on June 1 and December 1 of each year, commencing December 1, 2005. Principal of the Series 2005A Bonds is payable at the Cincinnati, Ohio corporate trust office of The Bank of New York Trust Company, N.A., as Trustee and Paying Agent. So long as DTC or its nominee is the registered owner of the Series 2005A Bonds, payments of all Bond Service Charges on the Series 2005A Bonds will be made directly to DTC, without cost except for any taxes or other governmental charges. See **TRUST AGREEMENT – Book Entry Method**.

The Series 2005A Bonds are being issued by the City of Cincinnati, Ohio (the City) for the purpose of paying a portion of the cost of the Greater Cincinnati Water Works (the Utility) Capital Improvement Program and paying the costs of issuance. See **SERIES 2005A BONDS – Authorization and Purpose**. In May 2005, the City also expects to issue \$30,000,000 City of Cincinnati, Ohio Water System Revenue Subordinated Variable Rate Bonds, Series 2005B (the Series 2005B Bonds) as Subordinate Debt for the same purpose.

The Series 2005A Bonds will be secured by a Master Trust Agreement dated as of March 1, 2001 between the Trustee and the City, as amended including by a Third Supplemental Trust Agreement dated as of May 1, 2005 between the Trustee and the City (together, the Trust Agreement). The Trust Agreement will secure the Series 2005A Bonds on a parity with the Series 2001 Bonds, the Series 2003 Bonds and any future Additional Bonds by a pledge of the Net Revenues of the Utility and of the Special Funds.

Terms used, but not defined, in this Official Statement are used as defined in the Trust Agreement. See **APPENDIX A – Summary of Certain Definitions Used in the Trust Agreement**.

**THE SERIES 2005A BONDS ARE NOT GENERAL OBLIGATIONS, BUT ARE SPECIAL OBLIGATIONS OF THE CITY, PAYABLE SOLELY FROM THE NET REVENUES OF ITS UTILITY AND THE SPECIAL FUNDS CREATED UNDER THE MASTER TRUST AGREEMENT, AND NEITHER THE GENERAL CREDIT NOR TAXING POWER OF THE CITY OR OF THE STATE OF OHIO OR ANY POLITICAL SUBDIVISION THEREOF IS PLEDGED TO PAYMENT OF THE PRINCIPAL OF, PREMIUM, IF ANY, OR INTEREST ON THE SERIES 2005A BONDS.**

**MATURITY SCHEDULE**  
**(December 1)**

Year	Amount	Interest Rate	Yield	CUSIP††	Year	Amount	Interest Rate	Yield	CUSIP††
2006	\$ 650,000	3.000%	2.880%	172311CW0	2012	\$4,530,000	5.000%	3.540%	172311DH2
2006	2,925,000	4.000	2.880	172311CX8	2013	4,660,000	5.000	3.660†	172311DJ8
2007	1,385,000	3.000	2.940	172311CY6	2014	4,985,000	5.000	3.760†	172311DK5
2007	2,230,000	5.000	2.940	172311CZ3	2015	5,235,000	5.000	3.820†	172311DL3
2008	3,860,000	3.000	3.050	172311DA7	2016	5,405,000	5.000	3.880†	172311DM1
2009	660,000	3.125	3.160	172311DB5	2017	5,770,000	5.000	3.930†	172311DN9
2009	3,225,000	5.000	3.160	172311DC3	2018	5,960,000	5.000	3.970†	172311DP4
2010	2,100,000	3.250	3.290	172311DD1	2019	6,355,000	5.000	4.010†	172311DQ2
2010	2,060,000	5.000	3.290	172311DE9	2020	6,580,000	5.000	4.050†	172311DR0
2011	925,000	3.375	3.430	172311DF6	2021	7,000,000	5.000	4.090†	172311DS8
2011	3,310,000	5.000	3.430	172311DG4	2022	775,000	4.250	4.300	172311DT6

† Priced to the June 1, 2013 call date at a redemption price of par.

†† The City is not responsible for the use of the CUSIP numbers referenced herein nor is any representation made by the City as to their correctness; such CUSIP numbers are included solely for the convenience of the readers of this Official Statement.

The Series 2005A Bonds are subject to redemption prior to maturity as described herein.

The Series 2005A Bonds are offered when, as and if issued and received by the Underwriters, subject to prior sale and to withdrawal or modification of the offer without notice. Certain legal matters relating to the issuance of the Series 2005A Bonds will be subject to the approving legal opinions of Peck, Shaffer & Williams LLP and Forbes, Fields & Associates Co., L.P.A., Co-Bond Counsel (See **LEGAL OPINION** and **TAX MATTERS**). A.G. Edwards & Sons, Inc. has acted as Financial Advisor to the City in connection with the issuance of the Bonds. Certain matters will be passed upon for the City by the City Solicitor, J. Rita McNeil, and for the Underwriters by Squire, Sanders & Dempsey L.L.P. and Wilkerson & Associates Co., L.P.A. The Series 2005A Bonds are expected to be available for delivery in definitive form in New York, New York on or about May 19, 2005.

MORGAN STANLEY

SEASONGOOD &amp; MAYER, LLC

FIFTH THIRD SECURITIES, INC.

JPMORGAN

M&amp;R BEAL &amp; COMPANY

The date of this Official Statement is April 26, 2005 and information contained herein speaks only as of that date.

## BOND SUMMARY STATISTICS

City of Cincinnati Water System Revenue Bonds  
Series 2005A

Dated Date	05/19/2005
Delivery Date	05/19/2005
Last Maturity	12/01/2022
Arbitrage Yield	3.780413%
True Interest Cost (TIC)	4.153553%
Net Interest Cost (NIC)	4.326420%
All-In TIC	4.188034%
Average Coupon	4.893235%
Average Life (years)	10.081
Duration of Issue (years)	7.939
Par Amount	80,585,000.00
Bond Proceeds	85,710,277.75
Total Interest	39,749,636.73
Net Interest	35,145,181.17
Total Debt Service	120,334,636.73
Maximum Annual Debt Service	7,387,131.26
Average Annual Debt Service	6,863,192.21
Underwriter's Fees (per \$1000)	
Average Takedown	3.462881
Management Fee	2.030000
Other Fee	0.970136
Total Underwriter's Discount	6.463017
Bid Price	105.713787

Bond Component	Par Value	Price	Average Coupon	Average Life
Serial Bonds	80,585,000.00	106.360	4.893%	10.081
	80,585,000.00			10.081

	TIC	All-In TIC	Arbitrage Yield
Par Value	80,585,000.00	80,585,000.00	80,585,000.00
+ Accrued Interest			
+ Premium (Discount)	5,125,277.75	5,125,277.75	5,125,277.75
- Underwriter's Discount	-520,822.19	-520,822.19	
- Cost of Issuance Expense		-228,009.12	
- Other Amounts			
Target Value	85,189,455.56	84,961,446.44	85,710,277.75
Target Date	05/19/2005	05/19/2005	05/19/2005
Yield	4.153553%	4.188034%	3.780413%



# City of Cincinnati

September 7, 2006

**To:** Joseph Gray, Acting Director of Finance

**From:** Steve Hellman, GCWW, Superintendent of Business Planning and Development

**Subject:** Status of Funds for Round 21/2007 Credit Enhancement Project  
Countywide Water Main Improvements Ph V

The purpose of this letter is to certify that the City of Cincinnati Water Works has secured all the funding for the Countywide Water Main Improvement Ph V project. In May, 2005, the Greater Cincinnati Water Works issued revenue bonds totaling \$80,585,000 to finance a portion of the capital improvement program. A bond sale is also anticipated in the spring 2007. This project requests reimbursement of a portion of the bond interest for water main replacement projects constructed in 2006 and 2007 that are eligible for the State Capital Improvement Program Funds.

If you have any questions please call me at 591-7965.

Sincerely,

Steve Hellman  
Superintendent of Business Planning and Development

Doc:HellmanCECerto6.doc

cc: B. Pickering, CWW Engineering  
P. Tomes, CWW  
S. Hellman, CWW Business Services

## **Countywide Water Main Improvements – Ph V**

### **Additional Information**

This project requests a credit enhancement of \$900,000 to reimburse the City of Cincinnati Greater Cincinnati Water Works (GCWW) for a portion of the bond interest for capital water main replacement projects constructed in 2006 and 2007.

On May 19, 2005 the GCWW issued revenue bonds totaling \$80,585,000 to finance a portion of the current capital improvement program. The capital improvement program includes projects for technology, plant facilities, water mains and other related expenses. A portion of the bond sale financed various water main projects. These water mains are included in the Countywide Water Main Improvement Project. The project includes 21 water main replacement projects.

The GCWW expects to spend over \$15 million in 2006 and 2007 on various water main projects financed from the April 2005 bond sale and the upcoming spring 2007 bond sale. The total interest payment on the entire bond sale is approximately \$3,575,000 for 2006 and \$3,615,000 for 2007. Prorating the interest payments (for the water replacement projects) provides an eligible interest cost of over \$1,000,000 for 2006 and 2007.

**Countywide Water Main Improvement Project**

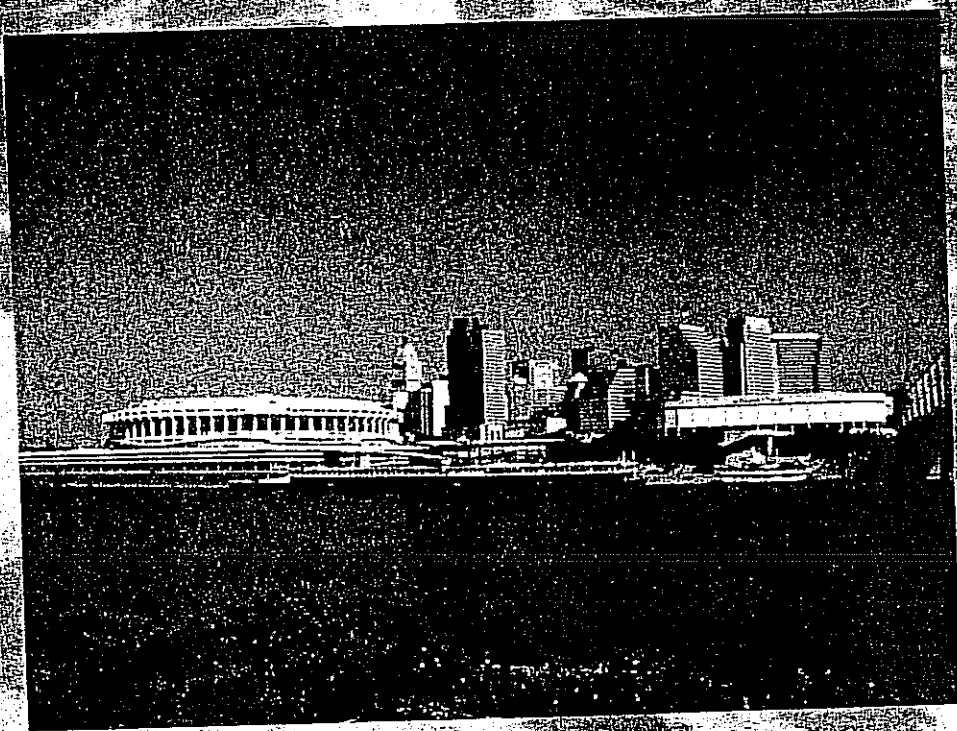
# **Maintenance Records**

**See Books 1 to 3**

# Cincinnati, Ohio Department of Water Works



## Water Distribution System Master Plan



**BLACK & VEATCH**

September 1999



## 2.2.4 Service Level Population

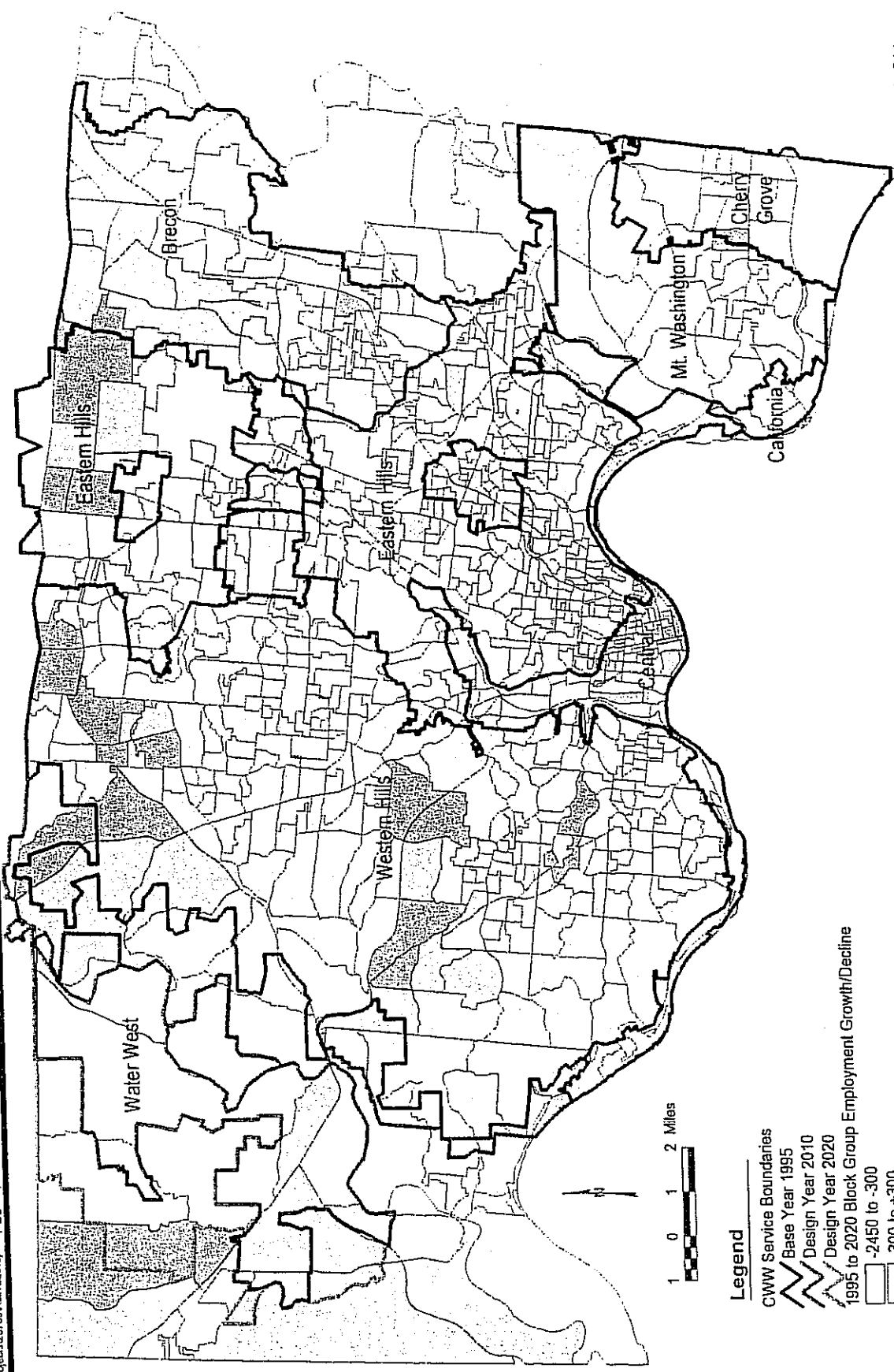
Population served by service level is given in Table 2-4 and shown on Figure 2-9. The service level populations include all retail and wholesale customers in the Primary and Secondary Study Areas except the BFWC service area. Table 2-4 also includes the service level population located specifically within the Primary Study Area (Hamilton County).

<b>Table 2-4</b> <b>Population Served by Service Level</b>							
Service Level	Population Served <sup>(1)</sup>						
	Year						
	1960	1970	1980	1990	1995	2010	2020
Central <sup>(3)</sup>	123,254	69,201	53,375	50,258	48,700	47,350	46,960
Western Hills	232,329	326,559	347,872	341,611	338,480	355,320	372,960
Eastern Hills	397,665	410,702	350,177	336,226	329,250 322,890 <sup>(2)</sup>	376,930 310,310 <sup>(2)</sup>	410,000 309,100 <sup>(2)</sup>
Brecon	7,815	7,941	14,535	32,372	41,290 40,970 <sup>(2)</sup>	101,200 43,730 <sup>(2)</sup>	147,680 47,360 <sup>(2)</sup>
Mt. Washington	21,466	29,000	30,854	33,391	34,660	35,160	36,500
Cherry Grove	5,401	10,915	17,335	20,565	22,180 21,900 <sup>(2)</sup>	22,050 21,770 <sup>(2)</sup>	23,530 23,250 <sup>(2)</sup>
California	995	825	495	658	740	760	770
Water West	-	-	-	-	450	10,540 9,460 <sup>(2)</sup>	17,200 16,120 <sup>(2)</sup>
Total	788,925	855,143	814,643	815,081	815,750 808,790 <sup>(2)</sup>	949,310 823,860 <sup>(2)</sup>	1,055,600 853,020 <sup>(2)</sup>
<sup>(1)</sup> Includes Total Study Area retail and wholesale customers. <sup>(2)</sup> Service level population residing within Primary Study Area (Hamilton County). <sup>(3)</sup> Boone-Florence Water Commission population not included.							



# Service Areas

D:\Projects\125769\Active2\Report\Pl\_1949.apr LaBelle B/3/99



- Legend**
- CWW Service Boundaries
  - Base Year 1995
  - Design Year 2010
  - Design Year 2020
  - 1995 to 2020 Block Group Employment Growth/Decline
  - 2450 to -300
  - 300 to +300
  - +300 to +1000
  - +1000 to +4150

Cincinnati, Ohio  
 Water Master Plan - 1999  
 1995 to 2020 Hamilton County  
 Block Group Employment Growth/Decline

Figure 2-8



Cincinnati Water Works  
Commercial Services Division  
Water Rate Schedule  
Water Service Charges  
Effective 1/14/2005

Meter Size	Inside Cincinnati		Incorporated		Unincorporated		Butler & Warren Counties		Arlington Heights		Venice Gardens	
			Hamilton & Clermont		Hamilton County		Monthly		Monthly		Monthly	
	Monthly	Quarterly	Monthly	Quarterly	Monthly	Quarterly	Monthly	Quarterly	Monthly	Quarterly	Monthly	Quarterly
5/8	\$6.79	\$8.40	\$7.74	\$8.13	\$8.17	\$8.58	\$8.90	\$9.35	\$9.55	\$11.30	\$12.00	\$12.00
3/4	\$7.55	\$14.73	\$8.28	\$14.86	\$8.74	\$15.68	\$9.52	\$17.09	\$10.50	\$20.03	\$12.00	\$12.00
1	\$10.23	\$19.56	\$11.09	\$19.23	\$11.70	\$20.30	\$12.75	\$22.11	\$14.18	\$26.41	\$12.00	\$12.00
1.5	\$13.99	\$31.78	\$14.18	\$29.69	\$14.96	\$31.33	\$16.31	\$34.14	\$19.05	\$42.36	\$12.00	\$12.00
2	\$19.58	\$44.67	\$19.58	\$41.00	\$20.67	\$43.28	\$22.52	\$47.15	\$26.56	\$59.28	\$12.00	\$12.00
3	\$41.07	\$100.30	\$39.41	\$89.38	\$41.60	\$94.35	\$45.32	\$102.79	\$55.11	\$132.15	\$12.00	\$12.00
4	\$75.91	\$187.37	\$75.10	\$174.43	\$79.27	\$184.13	\$86.37	\$200.59	\$102.68	\$249.52	\$12.00	\$12.00
6	\$155.86	\$369.42	\$155.27	\$342.15	\$163.90	\$361.16	\$178.56	\$393.47	\$211.19	\$491.34	\$12.00	\$12.00
8	\$230.29	\$551.48	\$228.51	\$509.90	\$241.21	\$538.22	\$262.79	\$586.39	\$311.72	\$733.19	\$12.00	\$12.00
10	\$321.23	\$744.16	\$322.55	\$691.02	\$340.47	\$729.41	\$370.93	\$794.67	\$436.17	\$990.40	\$12.00	\$12.00
12	\$381.05	\$870.42	\$385.59	\$813.12	\$407.01	\$858.29	\$443.43	\$935.09	\$518.46	\$1,160.18	\$12.00	\$12.00

Water Commodity Charges  
Effective 1/14/2005

Per Month	Per Quarter	Inside Cincinnati		Inc Hamilton & Clermont		Uninc Hamilton City		Butler & Warren Cty		Arlington Heights		Venice Gardens	
		Monthly		Quarterly		Monthly		Quarterly		Monthly		Quarterly	
		First 60 ccf	Next 1740 ccf	Over 1800 ccf	Over 1800 ccf	First 60 ccf	Next 1740 ccf	Over 1800 ccf	Over 1800 ccf	First 60 ccf	Next 1740 ccf	Over 1800 ccf	Over 1800 ccf
First 20 ccf	\$9.82	\$12.61	\$14.91	\$34.44	\$48.63	\$58.70	\$175.83	\$29.11	\$37.36	\$44.74	\$102.96	\$145.88	\$175.83
Next 580 ccf	\$12.61	\$14.91	\$34.44	\$48.63	\$58.70	\$175.83	\$29.11	\$37.36	\$44.74	\$102.96	\$145.88	\$175.83	\$29.11
Over 600 ccf	\$14.91	\$34.44	\$48.63	\$58.70	\$175.83	\$29.11	\$37.36	\$44.74	\$102.96	\$145.88	\$175.83	\$29.11	\$37.36

Fire Protection Charges  
Effective 1/14/2005

Branch Size(inches)	Inside Cincinnati		Incorporated		Unincorporated		Butler & Warren Counties		Arlington Heights	
			Hamilton & Clermont		Hamilton County		Monthly		Monthly	
	Monthly	Quarterly	Monthly	Quarterly	Monthly	Quarterly	Monthly	Quarterly	Monthly	Quarterly
2 and under	\$9.82	\$29.11	\$12.37	\$36.68	\$13.06	\$38.71	\$14.23	\$42.18	\$14.23	\$42.18
3	\$12.61	\$37.36	\$15.89	\$47.07	\$16.77	\$49.69	\$18.27	\$54.13	\$18.27	\$54.13
4	\$14.91	\$44.74	\$18.78	\$56.37	\$19.83	\$59.50	\$21.60	\$64.83	\$21.60	\$64.83
6	\$34.44	\$102.96	\$43.40	\$129.74	\$45.80	\$136.94	\$49.91	\$149.20	\$49.91	\$149.20
8	\$48.63	\$145.88	\$61.27	\$183.80	\$64.67	\$194.02	\$70.46	\$211.37	\$70.46	\$211.37
10 and over	\$58.70	\$175.83	\$73.95	\$221.55	\$78.07	\$233.86	\$85.04	\$254.78	\$85.04	\$254.78

Cincinnati Water Works  
Commercial Services Division  
Water Rate Schedule

Mason Water Service Charges  
Effective 1/14/2005

Residential Inside Mason			
Usage per Month	Gallons	CCF	Cost per CCF
0	to 1,496	0 to 2	\$7.38
1,497	to 9,724	3 to 13	\$1.51
9,725	to 29,920	14 to 40	\$1.60
29,921	to 50,116	41 to 67	\$1.80
50,117	to 99,484	68 to 133	\$2.04
99,485	to 299,200	134 to 400	\$2.29
299,201	to 498,916	401 to 667	\$2.53
498,917	and up	668 and up	\$2.78

Residential Outside Mason			
Usage per Month	Gallons	CCF	Cost per CCF
0	to 1,496	0 to 2	\$11.07
1,497	to 9,724	3 to 13	\$2.27
9,725	to 29,920	14 to 40	\$2.41
29,921	to 50,116	41 to 67	\$2.71
50,117	to 99,484	68 to 133	\$3.06
99,485	to 299,200	134 to 400	\$3.43
299,201	to 498,916	401 to 667	\$3.80
498,917	and up	668 and up	\$4.17

Commercial Inside Mason, Bulk Users & Construction Water			
Usage per Month	Gallons	CCF	Cost per CCF
0	to 1,496	0 to 2	\$13.75
1,497	to 9,724	3 to 13	\$1.51
9,725	to 29,920	14 to 40	\$1.60
29,921	to 50,116	41 to 67	\$1.80
50,117	to 99,484	68 to 133	\$2.04
99,485	to 299,200	134 to 400	\$2.29
299,201	to 498,916	401 to 667	\$2.53
498,917	and up	668 and up	\$2.78

Commercial Outside Mason, Bulk Users			
Usage per Month	Gallons	CCF	Cost per CCF
0	to 1,496	0 to 2	\$20.63
1,497	to 9,724	3 to 13	\$2.27
9,725	to 29,920	14 to 40	\$2.41
29,921	to 50,116	41 to 67	\$2.71
50,117	to 99,484	68 to 133	\$3.06
99,485	to 299,200	134 to 400	\$3.43
299,201	to 498,916	401 to 667	\$3.80
498,917	and up	668 and up	\$4.17

Construction Water			
Usage per Month	Gallons	CCF	Cost per CCF
0	to 1,496	0 to 2	\$13.75
1,497	to 9,724	3 to 13	\$1.51
9,725	to 29,920	14 to 40	\$1.60
29,921	to 50,116	41 to 67	\$1.80
50,117	to 99,484	68 to 133	\$2.04
99,485	to 299,200	134 to 400	\$2.29
299,201	to 498,916	401 to 667	\$2.53

Mason Fire Protection			
Size of Branch Up to (inches)			Cost
3			\$6.29
4			\$8.65
6			\$18.09
8			\$25.17
10			\$28.32
12			\$28.32

# ADDITIONAL SUPPORT INFORMATION

For Program Year 2007 (July 1, 2007 through June 30, 2008), applying agencies shall provide the following support information to help determine which projects will be funded. Information on this form must be accurate, and where called for, based on sound engineering principles. Documentation to substantiate the individual items, as noted, is required. The applicant should also use the rating system and its' addendum as a guide. The examples listed in this addendum are not a complete list, but only a small sampling of situations that may be relevant to a given project.

**IF YOU ARE APPLYING FOR A GRANT, WILL YOU BE WILLING TO ACCEPT A LOAN IF ASKED BY THE DISTRICT?  X  YES   NO (ANSWER REQUIRED)**

Note: Answering "Yes" will not increase your score and answering "NO" will not decrease your score.

**1) What is the physical condition of the existing infrastructure that is to be replaced or repaired?**

Give a statement of the nature of the deficient conditions of the present facility exclusive of capacity, serviceability, health and/or safety issues. If known, give the approximate age of the infrastructure to be replaced, repaired, or expanded. Use documentation (if possible) to support your statement. Documentation may include (but is not limited to): ODOT BR86 reports, pavement management condition reports, televised underground system reports, age inventory reports, maintenance records, etc., and will only be considered if included in the original application.

**These replacement water mains are in critical condition and must be replaced. See attached maintenance reports. These mains are primarily being replaced due to documented maintenance problems. The age of the average replacement water mains is 59 years.**

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**2) How important is the project to the safety of the Public and the citizens of the District and/or service area?**

Give a statement of the projects effect on the safety of the service area. The design of the project is intended to reduce existing accident rate, promote safer conditions, and reduce the danger of risk, liability or injury. (Typical examples may include the effects of the completed project on accident rates, emergency response time, fire protection, and highway capacity.) Please be specific and provide documentation if necessary to substantiate the data. The applicant must demonstrate the type of problems that exist, the frequency and severity of the problems and the method of correction.

**Safety will be improved since water breaks and leaks can cause icy conditions during freezing weather and slippery conditions during warm weather. The replacement mains will improve the water flow in the mains and help minimize the number of water main breaks and disruptions to fire hydrant service.. Also, new fire hydrants are installed that are more reliable than old hydrants. This project will also provide improvement for the fire flow for commercial insurance purposes.**

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**3) How important is the project to the health of the Public and the citizens of the District and/or service area?**

Give a statement of the projects effect on the health of the service area. The design of the project will improve the overall condition of the facility so as to reduce or eliminate potential for disease, or correct concerns regarding the environmental health of the area. (Typical examples may include the effects of the completed project by improving or adding storm drainage or sanitary facilities, etc.). Please be specific and provide documentation if necessary to substantiate the data. The applying agency must demonstrate the type of problems that exist, the frequency and severity of the problems and the method of correction.

**The project is important to the health of the Water Works (GCWW) consumers. Leaks and breaks cause standing water. The public has become less tolerant to standing water since it provides additional mosquito breeding areas and the potential for west Nile virus. Water**

quality is also improved when older lead jointed, unlined corroded and tuberculated cast iron mains are replaced assuring that high quality water will continue to be provided. All water pipes with lead joint materials will be replaced.

4) Does the project help meet the infrastructure repair and replacement needs of the applying jurisdiction?

The applying agency must submit a listing in priority order of the projects for which it is applying. Points will be awarded on the basis of most to least importance.

Priority 1 Countywide Water Main Improvements – Ph V

Priority 2 Gest St. Clean & Line Water Main Project: Gest St from Mill Creek to State; and State Ave. from Gest to W. Liberty Ave.

Priority 3 \_\_\_\_\_

Priority 4 \_\_\_\_\_

Priority 5 \_\_\_\_\_

5) To what extent will the user fee funded agency be participating in the funding of the project?

(example: rates for water or sewer, frontage assessments, etc.).

The Water Works has provided all of the funding for these projects through bond sales.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

6) Economic Growth – How will the completed project enhance economic growth

Give a statement of the projects effect on the economic growth of the service area (be specific).

This project will have a positive affect on economic growth of the GCWW service area by providing additional, plentiful, high quality water. GCWW has the ability to provide additional capacity if additional development occurs.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

7) Matching Funds - LOCAL

The information regarding local matching funds is to be filed by the applying agency in Section 1.2 (b) of the Ohio Public Works Association's "Application For Financial Assistance" form.

8) Matching Funds - OTHER

The information regarding local matching funds is to be filed by the applying agency in Section 1.2 (c) of the Ohio Public Works Association's "Application For Financial Assistance" form. If MRF funds are being used for matching funds, the MRF application must have been filed by Friday, September 1, 2006 for this project with the Hamilton County Engineer's Office. List below all "other" funding the source(s).

No matching funds are needed. Initially, these projects were funded with cash until the

revenue bonds could be sold.

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- 9) Will the project alleviate serious capacity problems or respond to the future level of service needs of the district?

Describe how the proposed project will alleviate serious capacity problems (be specific).

**The project will meet future capacity demands. Most of the water main replacement projects are on residential streets that do not expect to experience growth in the future. The new water mains are designed for growth over a 20 year period. All of the 6" and some of the 8" mains will be replaced with 8" and 12" water mains (except in cul-de-sacs) increasing capacity.**

For roadway betterment projects, provide the existing and proposed Level of Service (LOS) of the facility using the methodology outlined within AASHTO'S "Geometric Design of Highways and Streets" and the 1985 Highway Capacity Manual.

Existing LOS \_\_\_\_\_ Proposed LOS \_\_\_\_\_

If the proposed design year LOS is not "C" or better, explain why LOS "C" cannot be achieved.

**Not Applicable**

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- 10) If SCIP/LTIP funds were granted, when would the construction contract be awarded?

***NOT APPLICABLE***

If SCIP/LTIP funds are awarded, how soon after receiving the Project Agreement from OPWC (tentatively set for July 1 of the year following the deadline for applications) would the project be under contract? The Support Staff will review status reports of previous projects to help judge the accuracy of a jurisdiction's anticipated project schedule.

Number of months \_\_\_\_\_

- a.) Are preliminary plans or engineering completed? Yes \_\_\_\_\_ No \_\_\_\_\_ N/A \_\_\_\_\_
- b.) Are detailed construction plans completed? Yes \_\_\_\_\_ No \_\_\_\_\_ N/A \_\_\_\_\_
- c.) Are all utility coordination's completed? Yes \_\_\_\_\_ No \_\_\_\_\_ N/A \_\_\_\_\_
- d.) Are all right-of-way and easements acquired (if applicable)? Yes \_\_\_\_\_ No \_\_\_\_\_ N/A \_\_\_\_\_

If no, how many parcels needed for project? \_\_\_\_\_ Of these, how many are: Takes \_\_\_\_\_  
Temporary \_\_\_\_\_  
Permanent \_\_\_\_\_

For any parcels not yet acquired, explain the status of the ROW acquisition process for this project.

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e.) Give an estimate of time needed to complete any item above not yet completed. \_\_\_\_\_ Months.

11) Does the infrastructure have regional impact?

Give a brief statement concerning the regional significance of the infrastructure to be replaced, repaired, or expanded.

**This project represents various vital water main projects located throughout Hamilton County. The project consists of distribution, transmission and dual service mains.**

12) What is the overall economic health of the jurisdiction?

The District 2 Integrating Committee predetermines the jurisdiction's economic health. The economic health of a jurisdiction may periodically be adjusted when census and other budgetary data are updated.

13) Has any formal action by a federal, state, or local government agency resulted in a partial or complete ban of the usage or expansion of the usage for the involved infrastructure?

Describe what formal action has been taken which resulted in a ban of the use of or expansion of use for the involved infrastructure? Typical examples include weight limits, truck restrictions, and moratoriums or limitations on issuance of building permits, etc. The ban must have been caused by a structural or operational problem to be considered valid. Submission of a copy of the approved legislation would be helpful.

**Not applicable**

Will the ban be removed after the project is completed? Yes \_\_\_\_\_ No \_\_\_\_\_ N/A \_\_\_\_\_

14) What is the total number of existing daily users that will benefit as a result of the proposed project?

For roads and bridges, multiply current Average Daily Traffic (ADT) by 1.20. For inclusion of public transit, submit documentation substantiating the count. Where the facility currently has any restrictions or is partially closed, use documented traffic counts prior to the restriction. For storm sewers, sanitary sewers, water lines, and other related facilities, multiply the number of households in the service area by 4. User information must be documented and certified by a professional engineer or the jurisdictions' C.E.O.

Traffic: ADT \_\_\_\_\_ X 1.20 = \_\_\_\_\_ Users

Water/Sewer: Homes \* \_\_\_\_\_ X 4.00 = **48,600** Users

- ***See attached user information. Gest St. Clean and Line Water Main Project users not included in total users.***

15) Has the jurisdiction enacted the optional \$5 license plate fee, an infrastructure levy, a user fee, or dedicated tax for the pertinent infrastructure?

The applying jurisdiction shall list what type of fees, levies or taxes they have dedicated toward the type of infrastructure being applied for. (Check all that apply)

Optional \$5.00 License Tax **X** - ***N/A ON THIS TYPE OF PROJECT***

Infrastructure Levy **X** Specify type **Infrastructure tax (a portion of the earnings tax)**

Facility Users Fee **X** Specify type **Service charge for water supply**

Dedicated Tax \_\_\_\_\_ Specify type \_\_\_\_\_

Other Fee, Levy or Tax \_\_\_\_\_ Specify type \_\_\_\_\_

**SCIP/LTIP PROGRAM  
ROUND 21 - PROGRAM YEAR 2007  
PROJECT SELECTION CRITERIA  
JULY 1, 2007 TO JUNE 30, 2008**

NAME OF APPLICANT: CINCINNATI - WATER WORKS  
NAME OF PROJECT: COUNTY-WIDE WATER MAIN IMPROV. PH. 4  
RATING TEAM: 1

**General Statement for Rating Criteria**

Points awarded for all items will be based on engineering experience, field verification, application information and other information supplied by the applying agency, which is deemed to be relevant by the Support Staff. The examples listed in this addendum are not a complete list, but only a small sampling of situations that may be relevant to a given project.

**CIRCLE THE APPROPRIATE RATING**

1) What is the physical condition of the existing infrastructure that is to be replaced or repaired?

- 25 - Failed
- 23 - Critical
- 20 - Very Poor
- 17 - Poor
- 15 - Moderately Poor
- 10 - Moderately Fair
- 5 - Fair Condition
- 0 - Good or Better

Appeal Score

\_\_\_\_\_

**Criterion 1 - Condition**

Condition of the particular infrastructure to be repaired, reconstructed or replaced shall be a measure of the degree of reduction in condition from its original state. Capacity, serviceability, safety and health shall not be considered in this criterion. Any documentation the Applicant wishes to be considered must be included in the application package.

**Definitions:**

**Failed Condition** - requires complete reconstruction where no part of the existing facility is salvageable. (E.g. Roads: complete reconstruction of roadway, curbs and base; Bridges: complete removal and replacement of bridge; Underground: removal and replacement of an underground drainage or water system.)

**Critical Condition** - requires partial reconstruction to maintain integrity. (E.g. Roads: reconstruction of roadway/curbs can be saved; Bridges: removal and replacement of bridge with abutment modification; Underground: removal and replacement of part of an underground drainage or water system.)

**Very Poor Condition** - requires extensive rehabilitation to maintain integrity. (E.g. Roads: extensive full depth, partial depth and curb repair of a roadway with a structural overlay; Bridges: superstructure replacement; Underground: repair of joints and/or replacement of pipe sections.)

**Poor Condition** - requires standard rehabilitation to maintain integrity. (E.g. Roads: moderate full depth, partial depth and curb repair to a roadway with no structural overlay needed or structural overlay with minor repairs to a roadway needed; Bridges: extensive patching of substructure and replacement of deck; Underground: insituform or other in ground repairs.)

**Moderately Poor Condition** - requires minor rehabilitation to maintain integrity. (E.g. Roads: minor full depth, partial depth or curb repairs to a roadway with either a thin overlay or no overlay needed; Bridges: major structural patching and/or major deck repair.)

**Moderately Fair Condition** - requires extensive maintenance to maintain integrity. (E.g. Roads: thin or no overlay with extensive crack sealing, minor partial depth and/or slurry or rejuvenation; Bridges: minor structural patching, deck repair, erosion control.)

**Fair Condition** - requires routine maintenance to maintain integrity. (E.g. Roads: slurry seal, rejuvenation or routine crack sealing to the roadway; Bridges: minor structural patching.)

**Good or Better Condition** - little to no maintenance required to maintain integrity.

**Note:** If the infrastructure is in "good" or better condition, it will **NOT** be considered for SCIP/LTIP funding unless it is an expansion project that will improve serviceability.

2) How important is the project to the safety of the Public and the citizens of the District and/or service area?

- 25 - Highly significant importance
- 20 - Considerably significant importance
- 15 - Moderate importance
- 10 - Minimal importance
- 5 - Poorly documented importance
- 0 - No measurable impact

CLAIMS OF:  
MINIMIZE BREAKS/LEAKS  
DISRUPTION TO HYDRANTS  
IMPROVED FLOW FOR COMMERCIAL  
INSURANCE PURPOSES.

Appeal Score \_\_\_\_\_

**Criterion 2 – Safety**  
The applying agency shall include in its application the type, frequency, and severity of the safety problem that currently exists and how the intended project would improve the situation. For example, have there been vehicular accidents attributable to the problems cited? Have they involved injuries or fatalities? In the case of water systems, are existing hydrants non-functional? In the case of water lines, is the present capacity inadequate to provide volumes or pressure for adequate fire protection? **In all cases, specific documentation is required.** Mentioned problems, which are poorly documented, shall not receive more than 5 points.

Note: Each project is looked at on an individual basis to determine if any aspects of this category apply. Examples given above are NOT intended to be exclusive.

3) How important is the project to the health of the Public and the citizens of the District and/or service area?

- 25 - Highly significant importance
- 20 - Considerably significant importance
- 15 - Moderate importance
- 10 - Minimal importance
- 5 - Poorly documented importance
- 0 - No measurable impact

CLAIMS OF:  
MOSQUITO BREEDING  
WEST NILE VIRUS  
LEAD JOINTED MAINS  
TUBERCULATED MAINS

Appeal Score \_\_\_\_\_

**Criterion 3 – Health**  
The applying agency shall include in its application the type, frequency, and severity of the health problem that would be eliminated or reduced by the intended project. For example, can the problem be eliminated only by the project, or would routine maintenance be satisfactory? If basement flooding has occurred, was it storm water or sanitary flow? What complaints if any are recorded? In the case of underground improvements, how will they improve health if they are storm sewers? How would improved sanitary sewers improve health or reduce health risk? **In all cases, quantified documentation is required.** Mentioned problems, which are poorly documented, shall not receive more than 5 points.

Note: Each project is looked at on an individual basis to determine if any aspects of this category apply. Examples given above are NOT intended to be exclusive.

4) Does the project help meet the infrastructure repair and replacement needs of the applying agency?

Note: Applying agency's priority listing (part of the Additional Support Information) must be filed with application(s).

- 25 - First priority project
- 20 - Second priority project
- 15 - Third priority project
- 10 - Fourth priority project
- 5 - Fifth priority project or lower

Appeal Score \_\_\_\_\_

**Criterion 4 – Jurisdiction's Priority Listing**  
The applying agency must submit a listing in priority order of the projects for which it is applying. Points will be awarded on the basis of most to least importance. The form is included in the Additional Support Information.



- 5) To what extent will a user fee funded agency be participating in the funding of the project?
- 10 – Less than 10%
  - 9 – 10% to 19.99%
  - 8 – 20% to 29.99%
  - 7 – 30% to 39.99%
  - 6 – 40% to 49.99%
  - 5 – 50% to 59.99%
  - 4 – 60% to 69.99%
  - 3 – 70% to 79.99%
  - 2 – 80% to 89.99%
  - 1 – 90% to 95%
  - 0 – Above 95%
- Appeal Score \_\_\_\_\_

**Criterion 5 – User Fee-funded Agency Participation**

To what extent will a user fee funded agency be participating in the funding of the project? (Example: rates for water or sewer, frontage assessments, etc.). The applying agency must submit documentation.

- 6) **Economic Growth – How the completed project will enhance economic growth (See definitions).**

- 10 – The project will directly secure new employment
  - 5 – The project will permit more development
  - 0 – The project will not impact development
- Appeal Score \_\_\_\_\_

**Criterion 6 – Economic Growth**

Will the completed project enhance economic growth and/or development in the service area?

**Definitions:**

**Secure new employment:** The project as designed will secure development/employers, which will immediately add new permanent employees to the jurisdiction. The applying agency must submit details.

**Permit more development:** The project as designed will permit additional business development/employment. The applying agency must supply details.

**The project will not impact development:** The project will have no impact on business development.

**Note:** Each project is looked at on an individual basis to determine if any aspects of this category apply.

- 7) **Matching Funds - LOCAL**

10 - This project is a loan or credit enhancement

10 – 50% or higher

8 – 40% to 49.99%

6 – 30% to 39.99%

4 – 20% to 29.99%

2 – 10% to 19.99%

0 – Less than 10%

List total percentage of "Local" funds \_\_\_\_\_%

"LOAN  
ASSISTANCE"

**Criterion 7 – Matching Funds – Local**

The percentage of matching funds which come directly from the budget of the applying agency. Ten points shall be awarded if a loan request is at least 50% of the total project cost. (If the applying agency is not a user fee funded agency, any funds to be provided by a user fee generating agency will be considered "Matching Funds – Other")

8) Matching Funds – OTHER

List total percentage of "Other" funds 0 %

- 10 – 50% or higher
- 8 – 40% to 49.99%
- 6 – 30% to 39.99%
- 4 – 20% to 29.99%
- 2 – 10% to 19.99%
- 1 – 1% to 9.99%
- 0 – Less than 1%

List below each funding source and percentage

_____	_____ %
_____	_____ %
_____	_____ %
_____	_____ %
_____	_____ %

**Criterion 8 – Matching Funds - Other**

The percentage of matching funds that come from funding sources other than those mentioned in Criterion 7. A letter from the outside funding agency stating their financial participation in the project and the amount of funding is required to receive points. For MRF, a copy of the current application form filed with the Hamilton County Engineer's Office meets the requirement.

9) Will the project alleviate serious capacity problems or hazards or respond to the future level of service needs of the district?

- 10 - Project design is for future demand.
- 8 - Project design is for partial future demand.
- 6 - Project design is for current demand.
- 4 - Project design is for minimal increase in capacity.
- 2 - Project design is for no increase in capacity.

*ESTIMATE SHOWS  
52 MAINTENANCE  
REPLACEMENTS*

Appeal Score \_\_\_\_\_

*ONLY 1 FOR POOR FLOW  
1 TRANSITE PIPE*

**Criterion 9 – Alleviate Capacity Problems**

The applying agency shall provide a narrative, along with pertinent support documentation, which describe the existing deficiencies and showing how congestion will be reduced or eliminated and how service will be improved to meet the needs of any expected growth or development. A formal capacity analysis accompanying the application would be beneficial. Projected traffic or demand should be calculated as follows:

**Formula:**

Existing users x design year factor = projected users

Design Year	Design year factor		
	Urban	Suburban	Rural
20	1.40	1.70	1.60
10	1.20	1.35	1.30

**Definitions:**

**Future demand** – Project will eliminate existing congestion or deficiencies and will provide sufficient capacity or service for twenty-year projected demand or fully developed area conditions. Justification must be supplied if the area is already largely developed or undevelopable and thus the projection factors used deviate from the above table.

**Partial future demand** – Project will eliminate existing congestion or deficiencies and will provide sufficient capacity or service for ten-year projected demand or partially developed area conditions. Justification must be supplied if the area is already largely developed or undevelopable and thus the projection factors used deviate from the above table.

**Current demand** – Project will eliminate existing congestion or deficiencies and will provide sufficient capacity or service only for existing demand and conditions.

**Minimal increase** – Project will reduce but not eliminate existing congestion or deficiencies and will provide a minimal but less than sufficient increase in existing capacity or service for existing demand and conditions.

**No increase** – Project will have no effect on existing congestion or deficiencies and provide no increase in capacity or service for existing demand and conditions.

10) Readiness to Proceed - If SCIP/LTIP funds are granted, when would the construction contract be awarded?

5 - Will be under contract by December 31, 2007 and no delinquent projects in Rounds 18 & 19

3 - Will be under contract by March 31, 2008 and/or one delinquent project in Rounds 18 & 19

0 - Will not be under contract by March 31, 2008 and/or more than one delinquent project in Rounds 18 & 19

**Criterion 10 – Readiness to Proceed**

The Support Staff will assign points based on engineering experience and status of design plans. A project is considered delinquent when it has not received a notice to proceed within the time stated on the original application and no time extension has been granted by the OPWC. An applying agency receiving approval for a project and subsequently canceling the same after the bid date on the application will receive zero (0) points under this round and the following round.

11) Does the infrastructure have regional impact? Consider origination and destination of traffic, functional classifications, size of service area, and number of jurisdictions served, etc.

10 – Major Impact

8 – Significant Impact

6 – Moderate Impact

4 – Minor Impact

2 – Minimal or No Impact

Appeal Score

**Criterion 11 - Regional Impact**

The regional significance of the infrastructure that is being repaired or replaced.

**Definitions:**

**Major Impact** – Roads: Major Arterial: A direct connector to an Interstate Highway; Arterials are intended to provide a greater degree of mobility rather than land access. Arterials generally convey large traffic volumes for distances greater than one mile. A major arterial is a highway that is of regional importance and is intended to serve beyond the county. It may connect urban centers with one another and/or with outlying communities and employment or shopping centers. A major arterial is intended primarily to serve through traffic.

**Significant Impact** – Roads: Minor Arterial: A roadway, also serving through traffic, that is similar in function to a major arterial, but operates with lower traffic volumes, serves trips of shorter distances (but still greater than one mile), and may provide a higher degree of property access than do major arterials.

**Moderate Impact** – Roads: Major Collector: A roadway that provides for traffic movement between local roads/streets and arterials or community-wide activity centers and carries moderate traffic volumes over moderate distances (generally less than one mile). Major collectors may also provide direct access to abutting properties, such as regional shopping centers, large industrial parks, major subdivisions and community-wide recreational facilities, but typically not individual residences. Most major collectors are also county roads and are therefore through streets.

**Minor Impact** – Roads: Minor Collector: A roadway similar in functions to a major collector but which carries lower traffic volumes over shorter distances and has a higher degree of property access. Minor collectors may serve as main circulation streets within large, residential neighborhoods. Most minor collectors are also township roads and streets and may, or may not, be through streets.

**Minimal or No Impact** - Roads: Local: A roadway that is primarily intended to provide access to abutting properties. It tends to accommodate lower traffic volumes, serves short trips (generally within neighborhoods), and provides connections preferably only to collector streets rather than arterials.

12) What is the overall economic health of the jurisdiction?

10 Points

8 Points

6 Points

4 Points

2 Points

**Criterion 12 – Economic Health**

The District 2 Integrating Committee predetermines the applying agency's economic health. The economic health of a jurisdiction may periodically be adjusted when census and other budgetary data are updated.

13) Has any formal action by a federal, state, or local government agency resulted in a partial or complete ban of the usage or expansion of the usage for the involved infrastructure?

10 - Complete ban, facility closed

8 - 80% reduction in legal load or 4-wheeled vehicles only

7 - Moratorium on future development, *not* functioning for current demand

6 - 60% reduction in legal load

5 - Moratorium on future development, functioning for current demand

4 - 40% reduction in legal load

2 - 20% reduction in legal load

0 - Less than 20% reduction in legal load

Appeal Score

**Criterion 13 - Ban**

The applying agency shall provide documentation to show that a facility ban or moratorium has been formally placed. The ban or moratorium must have been caused by a structural or operational problem. Points will only be awarded if the end result of the project will cause the ban to be lifted.

14) What is the total number of existing daily users that will benefit as a result of the proposed project?

10 - 16,000 or more

8 - 12,000 to 15,999

6 - 8,000 to 11,999

4 - 4,000 to 7,999

2 - 3,999 and under

Appeal Score

48,600

**Criterion 14 - Users**

The applying agency shall provide documentation. A registered professional engineer or the applying agency's C.E.O must certify the appropriate documentation. Documentation may include current traffic counts, households served, when converted to a measurement of persons. Public transit users are permitted to be counted for the roads and bridges, but only when certifiable ridership figures are provided.

5) Has the applying agency enacted the optional \$5 license plate fee, an infrastructure levy, a user fee, or dedicated tax for the pertinent infrastructure? (Provide documentation of which fees have been enacted.)

5 - Two or more of the above

3 - One of the above - SERVICE FEE

0 - None of the above

Appeal Score

**Criterion 15 – Fees, Levies, Etc.**

The applying agency shall document (in the "Additional Support Information" form) which type of fees, levies or taxes they have dedicated toward the type of infrastructure being applied for.